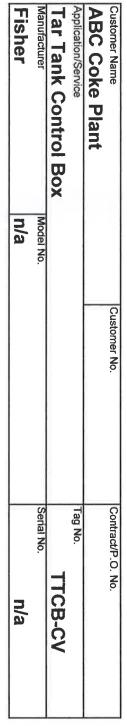
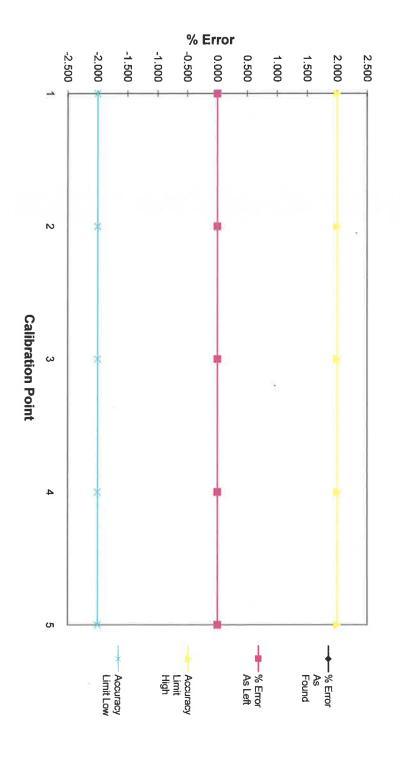


| A DC Calca                     | Dlast           |                    |                    |                     | Contract/P.O. No.        |                 |
|--------------------------------|-----------------|--------------------|--------------------|---------------------|--------------------------|-----------------|
| ABC Coke Application/Service   |                 |                    |                    |                     | Tag No.                  |                 |
| Tar Tank Co                    |                 |                    |                    |                     | TTCB-CV                  |                 |
| Manufactuer                    | THE DOX         | Model No.          |                    |                     | Serial No.               |                 |
| Fisher                         |                 | n/a                |                    |                     | n/a                      |                 |
| Instrument                     |                 |                    | х                  |                     |                          |                 |
| Туре                           | Transmitter     | Indicator          | Controller         | Recorder            | Gauge                    | Thermometer     |
|                                |                 | Plus               | Minus              | ☑ % of Span         |                          |                 |
| Accuracy 2.0 2.0 □% of Reading |                 |                    |                    |                     |                          |                 |
|                                |                 |                    | al Range           | and Units           |                          |                 |
| Lo Range Value                 | Hi Range Value  | Units              |                    | Characteristic      | Special                  |                 |
| 4                              | 20              | MA                 | .DC                | Linear              | Control Valv             | е               |
|                                |                 |                    | nal Range          | and Units           |                          |                 |
| Lo Range Value                 | Hi Range Value  | Units              |                    | Characteristic      | Special                  |                 |
| 0                              | 100             | Per                | cent               | Linear              |                          |                 |
|                                |                 | nstrument          |                    | n as Found          |                          |                 |
| 0 - 111 11                     |                 | E A. d             | Actual             | 0/ 5 4              | A -41 O44                |                 |
| Calibration<br>Point           | Actual Input    | Expected<br>Output | Output as<br>Found | % Error As<br>Found | Actual Output<br>as Left | % Error As Left |
| 0%                             | 4               | 0                  | 0                  | 0.000               | 0                        | 0.000           |
| 25%                            | 8               | 25                 | 25                 | 0.000               | 25                       | 0.000           |
| 50%                            | 12              | 50                 | 50                 | 0.000               | 50                       | 0.000           |
| 75%                            | 16              | 75                 | 75                 | 0.000               | 75                       | 0.000           |
| 100%                           | 20              | 100                | 100                | 0.000               | 100                      | 0.000           |
| 100%                           | 20              |                    | Comments           |                     | 100                      | 0.000           |
|                                |                 |                    | Johnnents          | •                   |                          |                 |
|                                |                 |                    |                    |                     |                          |                 |
|                                |                 |                    |                    |                     |                          |                 |
|                                |                 |                    |                    |                     |                          |                 |
|                                |                 |                    |                    |                     |                          |                 |
|                                | *               | Calibratio         | n Equipm           | ent Used            |                          |                 |
|                                |                 |                    | 12.4               |                     |                          |                 |
| Calibrator                     | Desci           | ·                  | Mo                 | odel No.            | Instrument ID            | NIST Cert. No.  |
| Input Device                   | Fluke Calib     | rator              | 725                |                     | On File                  | On File         |
| Output Device                  | Local Displ     | ay                 |                    |                     |                          |                 |
|                                |                 |                    | Approvals          |                     |                          |                 |
| Hours                          | Date Work Perfo |                    | Accepted By        |                     | Date Signed              |                 |
| 1.0                            | 10/12           | /2009              | 0                  |                     |                          |                 |
| PASS 3 Signature               | DOCOAL          |                    | Customer Signa     | ture                |                          |                 |
| JOHN HO                        | MACTON          |                    |                    |                     |                          |                 |





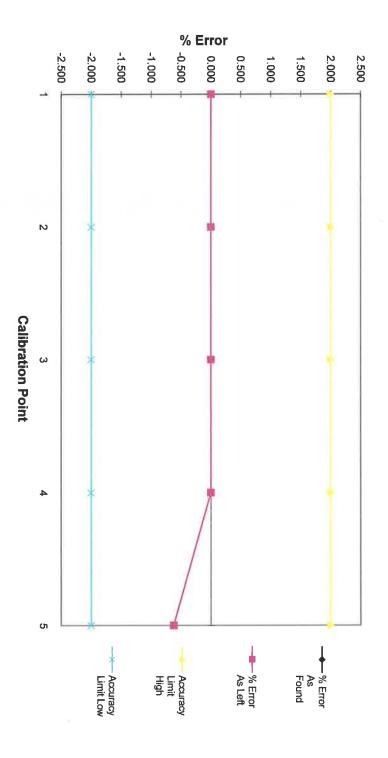




| ABC Coke                       | Dlant           |                            |                       |                | Contract/P.O. No. |                 |
|--------------------------------|-----------------|----------------------------|-----------------------|----------------|-------------------|-----------------|
| Application/Service            |                 |                            |                       |                | Tag No.           |                 |
| Process Water                  |                 | r                          |                       |                | PWD-YC            |                 |
| Manufactuer                    | Or Booding      | Model No.                  |                       |                | Serial No.        |                 |
| Yokogawa                       |                 | UT-550                     |                       |                | T 5007RH18        | 88-738          |
| Instrument                     |                 |                            | Х                     |                |                   |                 |
| Туре                           | Transmitter     | Indicator                  | Controller            | Recorder       | Gauge             | Thermometer     |
| Plus Minus 🗹 % of Span         |                 |                            |                       |                |                   |                 |
| Accuracy 2.0 2.0 5% of Reading |                 |                            |                       |                |                   |                 |
|                                |                 | Input Sigr                 | al Range              | and Units      |                   |                 |
| Lo Range Value                 | Hi Range Value  | 'alue Units Characteristic |                       |                | Special           |                 |
| 4                              | 20              | MA                         | DC                    | Linear         |                   |                 |
|                                | C               | Output Sig                 | nal Range             | and Units      |                   |                 |
| Lo Range Value                 | Hi Range Value  |                            |                       | Characteristic | Special           |                 |
| -2                             | 14              | INF                        |                       | Linear         |                   |                 |
|                                | l               | nstrument                  |                       | as Found       |                   |                 |
| Calibration                    |                 | Expected                   | Actual<br>Output as   | % Error As     | Actual Output     |                 |
|                                | Actual Input    | Output                     | Found                 | Found          | as Left           | % Error As Left |
| 0%                             | 4               | -2                         | -2.0                  | 0.000          | -2.0              | 0.000           |
| 25%                            | 8               | 2                          | 2.0                   | 0.000          | 2.0               | 0.000           |
| 50%                            | 12              | 6                          | 6.0                   | 0.000          | 6.0               | 0.000           |
| 75%                            | 16              | 10                         | 10.0                  | 0.000          | 10.0              | 0.000           |
| 100%                           | 20              | 14                         | 13.9                  | -0.625         | 13.9              | -0.625          |
|                                |                 | (                          | Comments              | 3              |                   |                 |
|                                |                 |                            |                       |                |                   |                 |
| CONTROL                        | LER WII         | LL NOT C                   | CONTRO                | LL VALVE.      |                   |                 |
|                                |                 |                            |                       |                |                   |                 |
|                                |                 |                            |                       |                |                   |                 |
|                                |                 |                            |                       |                |                   |                 |
|                                |                 | Calibratio                 | n Equipm              | ent Used       |                   |                 |
| Calibrator                     | Deser           | intion                     | Ma                    | del No.        | In atmuse and ID  | NIST Cert. No.  |
|                                | Descr           |                            |                       | idel No.       | Instrument ID     |                 |
| <u> </u>                       | Fluke Calib     |                            | 725                   |                | 8218055           | 1000195484      |
| Output Device L                | Locai Displ     |                            | A                     |                |                   |                 |
| Hours D                        | Date Work Perfo |                            | Approvals Accepted By |                | Date Signed       |                 |
| 1.0                            | 10/12           |                            | nocepted by           |                | Date Signed       |                 |
| PASS 3 Signature               | 10/12/          |                            | Customer Signat       | ure            |                   |                 |
| ЈОНЛ НО                        | RTON            |                            | Y                     |                |                   |                 |



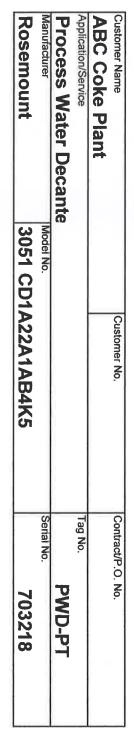


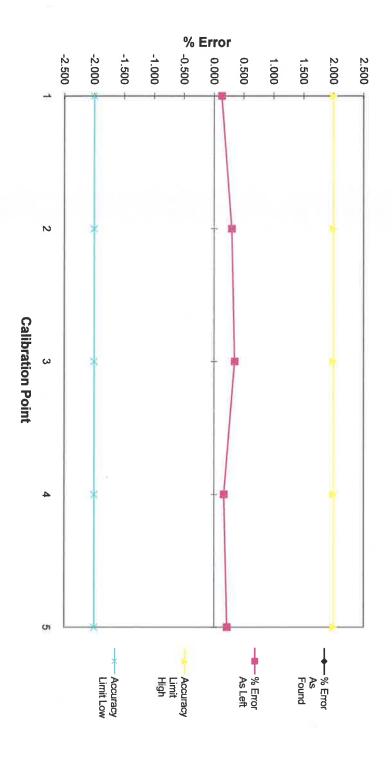




| A DO O a la a                                      | Dlank           |                    |                              |                     | Contract/P.O. No.        |                 |
|--|-----------------|--------------------|------------------------------|---------------------|--------------------------|-----------------|
| ABC Coke   |                 |                    |                              |                     | Tag No.                  |                 |
| Process Wa   |                 | or                 |                              |                     | PWD-PT                   |                 |
| Manufactuer  | tor Decante     | Model No.          |                              |                     | Serial No.               |                 |
| Rosemount  |                 | 3051 CD1           | \22A1AB4k                    | <b>&lt;</b> 5       | 703218                   |                 |
| Instrument   |                 |                    | Х                            |                     |                          |                 |
| Туре   | Transmitter     | Indicator          | Controller                   | Recorder            | Gauge                    | Thermometer     |
|  |                 | Plus               | Minus                        | ☑ % of Span         |                          |                 |
| Accuracy 2.0 2.0 □% of Reading                     |                 |                    |                              |                     |                          |                 |
|  |                 |                    | al Range                     | and Units           |                          |                 |
| Lo Range Value                                     |                 |                    |                              | Special             |                          |                 |
| -2   | 14              | INF                | 120                          | Linear              |                          |                 |
|  |                 |                    | nal Range                    | and Units           |                          |                 |
| Lo Range Value Hi Range Value Units Characteristic |                 |                    | Special                      |                     |                          |                 |
| 4  | 20              | MA                 | DC                           | Linear              |                          |                 |
|  | I               | nstrument          |                              | n as Found          |                          |                 |
| Calibration<br>Point                               | Actual Input    | Expected<br>Output | Actual<br>Output as<br>Found | % Error As<br>Found | Actual Output<br>as Left | % Error As Left |
| 0%   | -2              | 4                  | 4.021                        | 0.131               | 4.021                    | 0.131           |
| 25%  | 2               | 8                  | 8.048                        | 0.300               | 8.048                    | 0.300           |
| 50%  | 6               | 12                 | 12.056                       | 0.350               | 12.056                   | 0.350           |
| 75%  | 10              | 16                 | 16.027                       | 0.169               | 16.027                   | 0.169           |
| 100%   | 14              | 20                 | 20.035                       | 0.219               | 20.035                   | 0.219           |
|  |                 | (                  | Comments                     | 5                   |                          |                 |
|  |                 |                    |                              |                     |                          |                 |
| TRANSMI  | TTER NE         | EEDS TO            | BE RE-LC                     | CATED AB            | OVE TAP.                 |                 |
|  |                 |                    |                              |                     |                          |                 |
|  |                 |                    |                              |                     |                          |                 |
|  |                 |                    |                              |                     |                          |                 |
|  |                 | Calibration        | n Equipm                     | ent Used            |                          |                 |
| Calibrator   | Desci           | ription            | Mo                           | odel No.            | Instrument ID            | NIST Cert. No.  |
| Input Device                                       | HAND PUN        | ΛP                 | DWYER                        |                     |                          |                 |
| Output Device                                      | FLUKE ME        | TER                | 725                          |                     | on file                  | on file         |
|  |                 |                    | Approvals                    |                     |                          |                 |
| Hours  | Date Work Perfo |                    | Accepted By                  |                     | Date Signed              |                 |
| 1.0  | 10/12           | /2009              | O                            |                     |                          |                 |
| PASS 3 Signature                                   | OPTOAL          |                    | Customer Signal              | ture                |                          |                 |
| JOHN HO  | JACT O'JA       |                    |                              |                     |                          |                 |



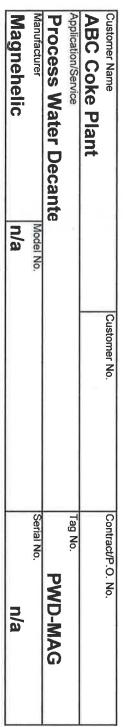


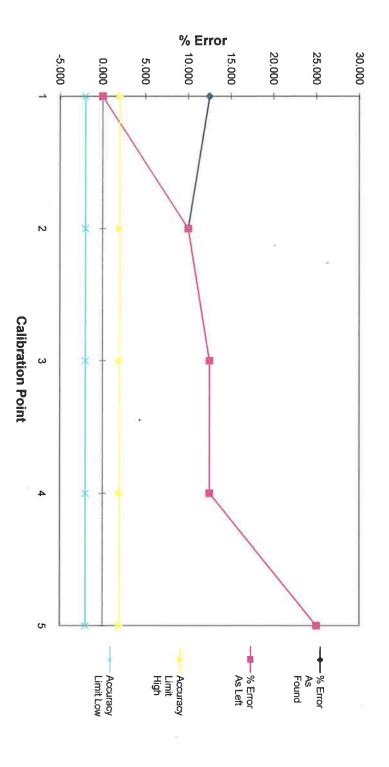




| ABC Coke               | Plant  |            |                     |                | Contract/P.O. No. |                 |
|------------------------|--|------------|---------------------|----------------|-------------------|-----------------|
| Application/Service    |  |            |                     |                | Tag No.           |                 |
| Process Wa             |  | er         |                     |                | PWD-MAG           |                 |
| Manufactuer            |  | Model No.  |                     |                | Serial No.        |                 |
| Magnehelic             |  | n/a        |                     |                | n/a               |                 |
| Instrument             |  |            | Х                   |                |                   |                 |
| Туре                   | Transmitter                                    | Indicator  | Controller          | Recorder       | Gauge             | Thermometer     |
| Plus Minus 🗹 % of Span |  |            |                     |                |                   |                 |
| Accuracy               |  | 2.0        | 2.0                 | ☐ % of Reading | 3                 |                 |
|                        |  |            | al Range            | and Units      |                   |                 |
| Lo Range Value         | Hi Range Value Units Characteristic            |            |                     | Special        |                   |                 |
| 10                     | 50   | INF        | 120                 | Linear         |                   |                 |
|                        |  |            | nal Range           | and Units      |                   |                 |
| Lo Range Value         | ange Value Hi Range Value Units Characteristic |            |                     | Special        |                   |                 |
| 10                     | 50   |            | INH2O Linear        |                |                   |                 |
|                        |  | nstrument  |                     | as Found       |                   |                 |
| Calibration            |  | Expected   | Actual<br>Output as | % Error As     | Actual Output     |                 |
| Point                  | Actual Input                                   | Output     | Found               | Found          | as Left           | % Error As Left |
| 0%                     | 10   | 10         | 15                  | 12.500         | 10                | 0.000           |
| 25%                    | 20   | 20         | 24                  | 10.000         | 24                | 10.000          |
| 50%                    | 30   | 30         | 35                  | 12.500         | 35                | 12.500          |
| 75%                    | 40   | 40         | 45                  | 12.500         | 45                | 12.500          |
| 100%                   | 50   | 50         | 60                  | 25.000         | 60                | 25.000          |
|                        |  | (          | Comments            | 3              |                   |                 |
|                        |  |            |                     |                | 75                |                 |
| MAGNEH                 | ELIC NE  | EDS TO E   | BE REPLA            | ACED.          |                   |                 |
|                        |  |            |                     |                |                   |                 |
|                        |  |            |                     |                |                   |                 |
|                        |  |            |                     |                |                   |                 |
|                        |  | Calibratio | n Equipm            | ent Used       |                   |                 |
| Optibuston             | D  | t          |                     |                |                   | NIOT 0 1 N      |
| Calibrator             | Descr  |            |                     | del No.        | Instrument ID     | NIST Cert. No.  |
| Input Device           | Fluke Calib                                    |            | 725                 |                | 8218055           | 1000195484      |
| Output Device          | Local Displ                                    |            |                     |                |                   |                 |
| Have 1                 | Data Wall Dat                                  |            | Approvals           |                | In                |                 |
| Hours<br>1.0           | Date Work Perfo                                |            | Accepted By         |                | Date Signed       |                 |
| PASS 3 Signature       | 10/12  |            | Customer Signal     | ure            |                   |                 |
| JOHN HO                | ORTON  |            |                     | -              |                   |                 |
| 5 05 -5 1 5 1 0        | (2-05)   |            |                     |                |                   |                 |



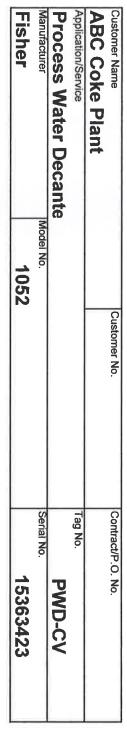


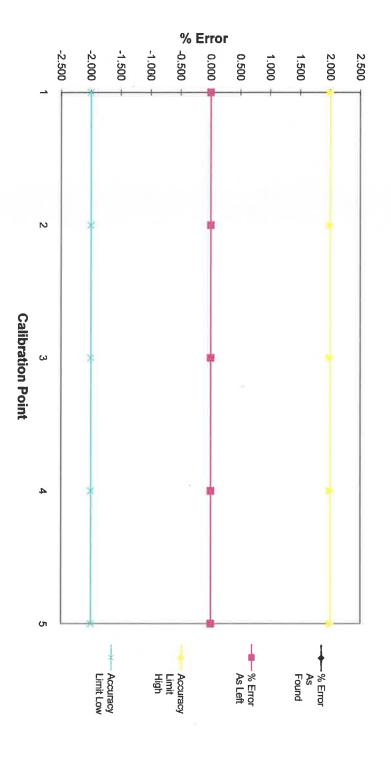




| ABC Coke             | Plant                        |            |                  |                | Contractif .O. No. |                 |
|----------------------|------------------------------|------------|------------------|----------------|--------------------|-----------------|
| Application/Service  |                              |            |                  | Tag No.        |                    |                 |
| Process Wa           | ter Decante                  |            |                  |                | PWD-CV             |                 |
| Manufactuer          |                              | Model No.  |                  |                | Serial No.         |                 |
| Fisher               | 1                            | 1052       |                  | T              | 15363423           | r               |
| Instrument           |                              |            | Х                |                |                    |                 |
| Туре                 | Transmitter                  | Indicator  | Controller       | Recorder       | Gauge              | Thermometer     |
|                      | Plus Minus 🗹 % of Span       |            |                  |                |                    |                 |
| Accuracy             | curacy 2.0 2.0 5% of Reading |            |                  |                |                    |                 |
|                      |                              |            | nal Range        | and Units      |                    |                 |
|                      |                              |            | Special          |                |                    |                 |
| 4                    | 20                           |            | DC               | Linear         |                    |                 |
|                      |                              |            | nal Range        | e and Units    |                    |                 |
|                      | Hi Range Value               |            |                  | Characteristic | Special            |                 |
| 0                    | 100                          |            | cent             | Linear         | i                  |                 |
|                      | l l                          | nstrument  |                  | n as Found     |                    |                 |
| Calibration          |                              | Expected   | Actual Output as | % Error As     | Actual Output      |                 |
| Point                | Actual Input                 | Output     | Found            | Found          | as Left            | % Error As Left |
| 0%                   | 4.00                         | 0.00       | 0                | 0.000          | 0                  | 0.000           |
| 25%                  | 8.00                         | 25.00      | 25               | 0.000          | 25                 | 0.000           |
| 50%                  | 12.00                        | 50.00      | 50               | 0.000          | 50                 | 0.000           |
| 75%                  | 16.00                        | 75.00      | 75               | 0.000          | 75                 | 0.000           |
| 100%                 | 20.00                        | 100.00     | 100              | 0.000          | 100                | 0.000           |
|                      |                              |            | Comments         |                |                    |                 |
|                      |                              |            |                  |                |                    |                 |
|                      |                              |            |                  |                |                    |                 |
|                      |                              |            |                  |                |                    |                 |
|                      |                              |            |                  |                |                    |                 |
|                      |                              |            |                  |                |                    |                 |
|                      |                              | Calibratio | n Equipm         | ent Used       |                    |                 |
|                      |                              |            |                  |                |                    |                 |
| Calibrator           | Descr                        |            | Mo               | odel No.       | Instrument ID      | NIST Cert. No.  |
| Input Device         | Fluke Calib                  | rator      | 725              |                | 8218055            | 1000195484      |
| Output Device        | Local Displ                  | ay         |                  |                |                    |                 |
|                      |                              |            | Approvals        |                |                    |                 |
|                      | Date Work Perfo              |            | Accepted By      |                | Date Signed        |                 |
| 1.0 PASS 3 Signature | 10/12                        | /2009      | Customer Signal  |                |                    |                 |
| JOHN HO              | ገወተገለበ                       |            | Customer Signat  | ure            |                    |                 |
| JONN MC              | DACTON.                      |            |                  |                |                    |                 |



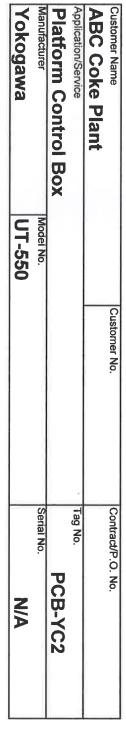


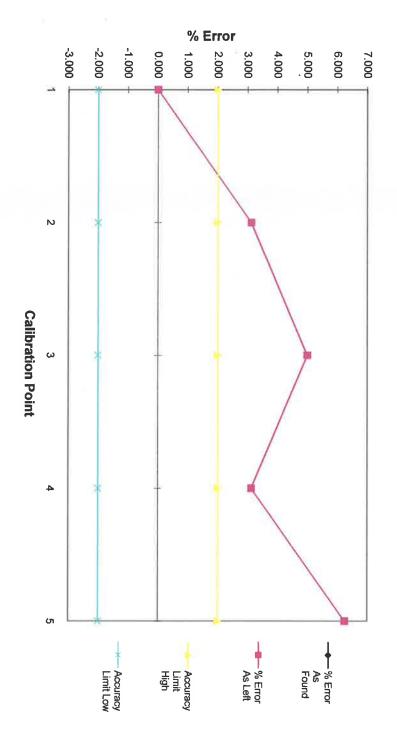




| Customer Name                                      | <b>D</b> 1 (                                    |                 |                    |  | Contract/P.O. No.        |                 |
|--|---|-----------------|--------------------|--|--------------------------|-----------------|
| ABC Coke   |   |                 |                    |  |                          |                 |
| Application/Service                                |   |                 |                    |  | Tag No.                  |                 |
| Platform Cor                                       | ntrol Box                                       | Model No.       |                    |  | PCB-YC2<br>Serial No.    |                 |
| Yokogawa   |   | UT-550          |                    |  | N/A                      |                 |
| Instrument   |   | X               |                    |  |                          |                 |
| Туре   | Transmitter                                     | Indicator       | Controller         | Recorder   | Gauge                    | Thermometer     |
|  |   | Plus            | Minus              | ☑ % of Span  |                          |                 |
| Accuracy 2.0 2.0 □% of Reading                     |   |                 |                    |  |                          |                 |
| Input Sign   |   |                 | al Range           | and Units  |                          |                 |
| Lo Range Value                                     | Range Value Hi Range Value Units Characteristic |                 |                    |  | Special                  |                 |
| 1  | 5   | V               | C                  | Linear   |                          |                 |
|  |   | Output Sig      | nal Range          | and Units  |                          |                 |
| Lo Range Value Hi Range Value Units Characteristic |   |                 | Special            |  |                          |                 |
| -2   | 14  | INF             | 120                | Linear   |                          |                 |
|  |   | nstrument       | Condition          | n as Found   |                          |                 |
| 6  |   |                 | Actual             | ٠, -   |                          |                 |
| Calibration<br>Point                               | Actual Input                                    | Expected Output | Output as<br>Found | % Error As<br>Found  | Actual Output<br>as Left | % Error As Left |
|  |   |                 |                    |  |                          |                 |
| 0%   | 1.00  | -2.00           | -2.000             | 0.000  | -2.000                   | 0.000           |
| 25%  | 2.00  | 2.00            | 2.500              | 3.125  | 2.500                    | 3.125           |
| 50%  | 3.00  | 6.00            | 6.800              | 5.000  | 6.800                    | 5.000           |
| 75%  | 4.00  | 10.00           | 10.500             | 3.125  | 10.500                   | 3.125           |
| 100%   | 5.00  | 14.00           | 15.000             | 6.250  | 15.000                   | 6.250           |
|  |   | (               | Comments           | 8  |                          |                 |
|  |   |                 |                    |  |                          |                 |
|  |   |                 |                    |  |                          |                 |
| CONTROLL   | ER WILL N                                       | T TRACK II      | NPUT.              |  |                          |                 |
|  |   |                 |                    |  | *(                       |                 |
|  |   |                 |                    |  |                          |                 |
|  |   | Calibratio      | n Equipm           | ent Used   |                          |                 |
| Calibrator   | Descr   | ription         | Mc                 | odel No.   | Instrument ID            | NIST Cert. No.  |
|  | Fluke Calib                                     |                 | 725                |  | ON FILE                  | ON FILE         |
| Output Device                                      |   |                 | 120                | -  | ONTILL                   | ONTILL          |
| Output Device                                      | Local Dispi                                     |                 | Approvals          |  |                          |                 |
| Hours  | Date Work Perfo                                 |                 | Accepted By        | •  | Date Signed              |                 |
| 1.0  |   | /2009           | Ť                  |  |                          |                 |
| PASS 3 Signature                                   |   |                 | Customer Signal    | ture   | -                        |                 |
| JOHNHO   | RTON  |                 |                    | the same of the sa |                          | 100             |



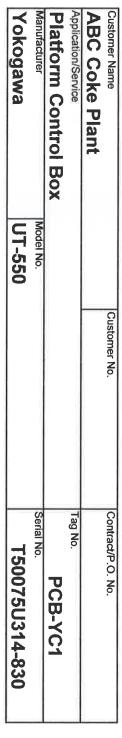


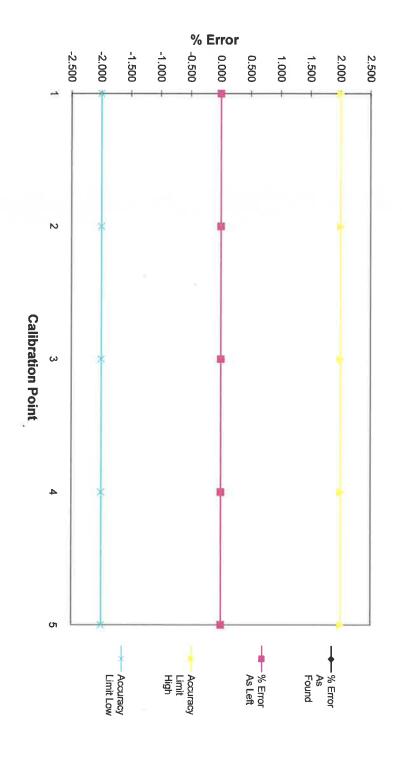




| Customer Name               |   |            |                |                | Contract/P.O. No. |                 |  |
|-----------------------------|---|------------|----------------|----------------|-------------------|-----------------|--|
| ABC Coke                    |   |            |                |                | Too No            |                 |  |
| Application/Service         |   |            |                |                | Tag No.           |                 |  |
| Platform Col<br>Manufactuer | ntroi Box                               | IModel No. |                |                | PCB-YC1           |                 |  |
| Yokogawa                    |   | UT-550     |                |                | T50075U31         | 4-830           |  |
| Instrument                  |   | Х          |                |                |                   |                 |  |
| Туре                        | Transmitter                             | Indicator  | Controller     | Recorder       | Gauge             | Thermometer     |  |
| 1,76.2                      | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | Plus       | Minus          | ☑ % of Span    | - Jungo           |                 |  |
| Accuracy                    |   | 2.0        | 2.0            | ☐ % of Reading |                   |                 |  |
| ,                           |   |            |                | and Units      |                   |                 |  |
| Lo Range Value              | Hi Range Value                          |            | ton i ton igo  | Characteristic | Special           |                 |  |
| 4                           | 20                                      | MA         | DC             | Linear         |                   |                 |  |
|                             |   | Dutput Sia | nal Range      | and Units      |                   |                 |  |
| Lo Range Value              | Hi Range Value                          | Units      |                | Characteristic | Special           |                 |  |
| -2                          | 14                                      | INF        | 120            | Linear         |                   |                 |  |
|                             | l,                                      | nstrument  | Condition      | n as Found     |                   |                 |  |
|                             |   |            | Actual         |                |                   |                 |  |
| Calibration                 | 0 - 4 1 1 4                             | Expected   | Output as      | % Error As     | Actual Output     | 0/ 5 4-1        |  |
| Point                       | Actual Input                            | Output     | Found          | Found          | as Left           | % Error As Left |  |
| 0%                          | 4.00                                    | -2.00      | -2.000         | 0.000          | -2.000            | 0.000           |  |
| 25%                         | 8.00                                    | 2.00       | 2.000          | 0.000          | 2.000             | 0.000           |  |
| 50%                         | 12.00                                   | 6.00       | 6.000          | 0.000          | 6.000             | 0.000           |  |
| 75%                         | 16.00                                   | 10.00      | 10.000         | 0.000          | 10.000            | 0.000           |  |
| 100%                        | 20.00                                   | 14.00      | 14.000         | 0.000          | 14.000            | 0.000           |  |
|                             |   | (          | Comments       | S              |                   |                 |  |
|                             |   |            |                |                |                   |                 |  |
|                             |   |            |                |                |                   |                 |  |
|                             |   |            |                |                |                   |                 |  |
|                             |   |            |                |                |                   |                 |  |
|                             |   |            |                |                |                   |                 |  |
|                             |   | Calibratic | n Equipm       | ent Used       |                   |                 |  |
|                             |   |            | 7              |                |                   |                 |  |
| Calibrator                  | Descr                                   | iption     | Mo             | odel No.       | Instrument ID     | NIST Cert. No.  |  |
| Input Device                | Fluke Calib                             | rator      | 725            |                | 8218055           | 1000195484      |  |
| Output Device               | Local Displ                             | ay         |                |                |                   |                 |  |
|                             |   | ,          | Approvals      | 3              |                   |                 |  |
| Hours                       | Date Work Perfo                         |            | Accepted By    |                | Date Signed       |                 |  |
| 1.0                         | 11/24                                   | /2008      |                |                |                   |                 |  |
| PASS 3 Signature            | andour                                  |            | Customer Signa | ture           |                   |                 |  |
| JOHN HO                     | JKT ON                                  |            |                |                |                   |                 |  |



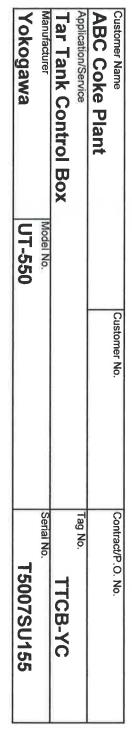


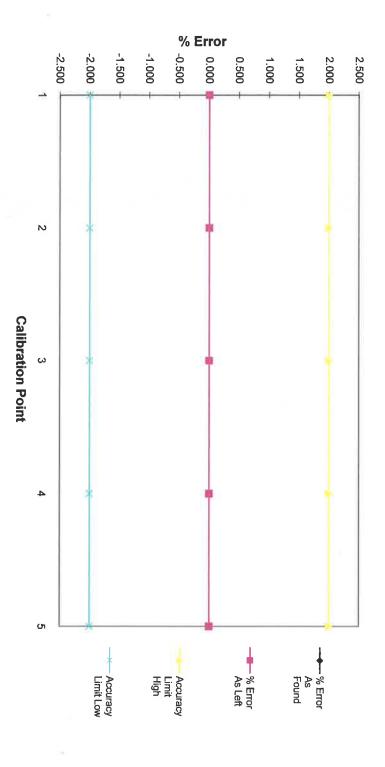




| Customer Name        |                 |                    |                    |                     | Contract/P.O. No.        |                 |
|----------------------|-----------------|--------------------|--------------------|---------------------|--------------------------|-----------------|
| ABC Coke             | Plant           |                    |                    |                     |                          |                 |
| Application/Service  |                 |                    | li                 |                     | Tag No.                  |                 |
| Tar Tank Co          | ntrol Box       |                    |                    |                     | TTCB-YC                  |                 |
| Manufactuer          |                 | Model No.          |                    |                     | Serial No.               |                 |
| Yokogawa             |                 | UT-550             |                    |                     | T5007SU15                | 5               |
| Instrument           | х               |                    |                    |                     |                          |                 |
| Туре                 | Transmitter     | Indicator          | Controller         | Recorder            | Gauge                    | Thermometer     |
|                      |                 | Plus               | Minus              | ☑ % of Span         |                          |                 |
| Accuracy             | 0               | 2.0                | 2.0                | ☐ % of Reading      | 3                        |                 |
|                      |                 | Input Sigr         | nal Range          | and Units           |                          |                 |
| Lo Range Value       | Hi Range Value  | Units              |                    | Characteristic      | Special                  |                 |
| 4                    | 20              | MA                 | DC                 | Linear              |                          |                 |
|                      |                 | Output Sig         | nal Range          | e and Units         |                          |                 |
| Lo Range Value       | Hi Range Value  | Units              |                    | Characteristic      | Special                  |                 |
| -2                   | 14              | INF                | 120                | Linear              |                          |                 |
|                      |                 | nstrument          | Condition          | n as Found          |                          |                 |
|                      |                 |                    | Actual             |                     |                          | 140             |
| Calibration<br>Point | Actual Input    | Expected<br>Output | Output as<br>Found | % Error As<br>Found | Actual Output<br>as Left | % Error As Left |
|                      |                 |                    |                    |                     |                          |                 |
| 0%                   | 4               | -2                 | -2.0               | 0.000               | -2.0                     | 0.000           |
| 25%                  | 8               | 2                  | 2.0                | 0.000               | 2.0                      | 0.000           |
| 50%                  | 12              | 6                  | 6.0                | 0.000               | 6.0                      | 0.000           |
| 75%                  | 16              | 10                 | 10.0               | 0.000               | 10.0                     | 0.000           |
| 100%                 | 20              | 14                 | 14.0               | 0.000               | 14.0                     | 0.000           |
|                      |                 | (                  | Comments           | 8                   |                          |                 |
|                      |                 |                    |                    |                     |                          |                 |
|                      |                 |                    |                    |                     |                          |                 |
|                      |                 |                    |                    |                     |                          |                 |
|                      |                 |                    |                    |                     |                          |                 |
|                      |                 |                    |                    |                     |                          |                 |
|                      |                 | Calibratio         | n Equipm           | ent Used            |                          |                 |
|                      |                 |                    |                    |                     |                          |                 |
| Calibrator           | Descr           | ription            | Mo                 | odel No.            | Instrument ID            | NIST Cert. No.  |
| Input Device         | Fluke Calib     | rator              | 725                |                     | On File                  | On File         |
| Output Device        | Local Displ     | ay                 |                    |                     |                          |                 |
|                      |                 |                    | Approvals          | <b>.</b>            |                          |                 |
| Hours                | Date Work Perfo |                    | Accepted By        |                     | Date Signed              |                 |
| 1.0                  | 10/12           | /2009              |                    |                     |                          |                 |
| PASS 3 Signature     | and a c         |                    | Customer Signal    | ture                |                          |                 |
| JOHN HO              | MION            |                    |                    |                     |                          |                 |



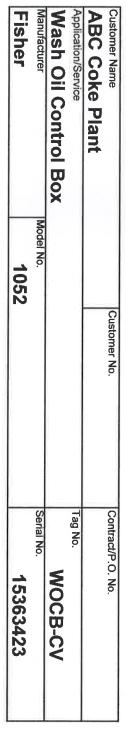


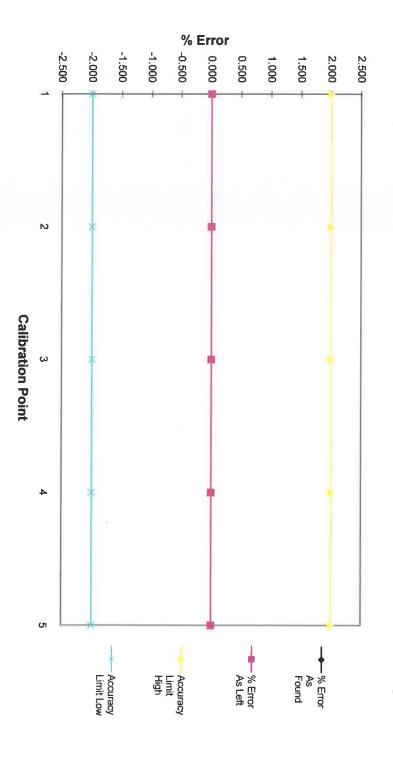




| Customer Name                  |                 |                   |                    |                     | Contract/P.O. No. |                 |
|--------------------------------|-----------------|-------------------|--------------------|---------------------|-------------------|-----------------|
| ABC Coke                       |                 |                   |                    |                     |                   |                 |
| Application/Service            |                 |                   |                    |                     | Tag No.           |                 |
| Wash Oil Co                    | ntrol Box       | Model No.         |                    |                     | WOCB-CV           |                 |
|                                |                 |                   |                    |                     |                   |                 |
| Fisher                         |                 | 1052              | V                  |                     | 15363423          |                 |
| Instrument                     |                 |                   | X                  |                     |                   |                 |
| Туре                           | Transmitter     | Indicator         | Controller         | Recorder            | Gauge             | Thermometer     |
| Plus Minus 🖳 % of Span         |                 |                   |                    |                     |                   |                 |
| Accuracy 2.0 2.0 □% of Reading |                 |                   |                    |                     |                   |                 |
|                                |                 | Input Sigr        | nal Range          | and Units           |                   |                 |
| Lo Range Value                 | Hi Range Value  | Units             |                    | Characteristic      | Special           |                 |
| 4                              | 20              | MA                | DC                 | Linear              |                   |                 |
|                                |                 | <b>Dutput Sig</b> | nal Range          | e and Units         |                   |                 |
| Lo Range Value                 | Hi Range Value  | Units             |                    | Characteristic      | Special           |                 |
| 0                              | 100             | Per               | cent               | Linear              |                   |                 |
|                                | l               | nstrument         | Condition          | n as Found          |                   |                 |
|                                |                 |                   | Actual             |                     |                   |                 |
| Calibration                    | Actual Innuit   | Expected          | Output as<br>Found | % Error As<br>Found | Actual Output     | % Error As Left |
| Point                          | Actual Input    | Output            |                    |                     | as Left           |                 |
| 0%                             | 4.00            | 0.00              | 0                  | 0.000               | 0                 | 0.000           |
| 25%                            | 8.00            | 25.00             | 25                 | 0.000               | 25                | 0.000           |
| 50%                            | 12.00           | 50.00             | 50                 | 0.000               | 50                | 0.000           |
| 75%                            | 16.00           | 75.00             | 75                 | 0.000               | 75                | 0.000           |
| 100%                           | 20.00           | 100.00            | 100                | 0.000               | 100               | 0.000           |
|                                |                 | (                 | Comments           | 8                   |                   |                 |
|                                |                 |                   |                    |                     |                   |                 |
|                                |                 |                   |                    |                     |                   |                 |
|                                |                 |                   |                    |                     |                   |                 |
|                                |                 |                   |                    |                     |                   |                 |
|                                |                 |                   |                    |                     |                   |                 |
|                                |                 | Calibratio        | n Equipm           | ent Used            |                   |                 |
|                                |                 |                   |                    |                     |                   |                 |
| Calibrator                     | Descr           | ription           | Mo                 | del No.             | Instrument ID     | NIST Cert. No.  |
| Input Device                   | Fluke Calib     | rator             | 725                |                     | 8218055           | 1000195484      |
| Output Device                  | Local Displ     | ay                |                    |                     |                   |                 |
|                                |                 |                   | Approvals          | }                   |                   |                 |
| Hours                          | Date Work Perfo |                   | Accepted By        |                     | Date Signed       |                 |
| 1.0                            | 10/12           | /2009             |                    |                     |                   |                 |
| PASS 3 Signature               | SOCOA!          |                   | Customer Signal    | ture                |                   |                 |
| JOHN HO                        | JACTO7N         |                   |                    |                     |                   |                 |





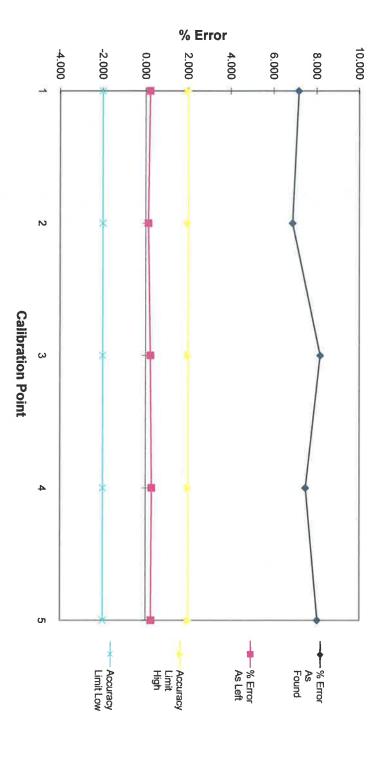




| ABC Coke            | Plant           |   |                  |                    | Contract/P.O. No. |                 |
|---------------------|-----------------|---|------------------|--------------------|-------------------|-----------------|
| Application/Service |                 |   |                  |                    | Tag No.           |                 |
| Wash Oil Co         | ontrol Box      |   |                  |                    | WOCB-IP           |                 |
| Manufactuer         |                 | Model No.                               |                  |                    | Serial No.        |                 |
| Dwyer               |                 | 2343                                    |                  |                    | 3403              | -               |
| Instrument          |                 |   | X                |                    |                   |                 |
| Туре                | Transmitter     | Indicator                               | Controller       | Recorder           | Gauge             | Thermometer     |
|                     |                 | Plus                                    | Minus            | ☑ % of Span        |                   |                 |
| Accuracy            |                 | 2.0                                     | 2.0              | ☐ % of Reading     | 3                 |                 |
|                     |                 |   | ial Range        | and Units          |                   |                 |
| Lo Range Value      |                 |   |                  | Special            |                   |                 |
| 4                   | 20              |   | DC               | Linear             |                   |                 |
|                     |                 |   | nal Range        | e and Units        |                   |                 |
| Lo Range Value      | 1               |   |                  | Special            |                   |                 |
| 3                   | 15              |   | SIG              | Linear             |                   |                 |
|                     |                 | nstrument                               |                  | n as Found         |                   |                 |
| Calibration         |                 | Expected                                | Actual Output as | % Error As         | Actual Output     |                 |
| Point               | Actual Input    | Output                                  | Found            | % Endr As<br>Found | as Left           | % Error As Left |
| 0%                  | 4.00            | 3.00                                    | 3.860            | 7.167              | 3.025             | 0.208           |
| 25%                 | 8.00            | 6.00                                    | 6.826            | 6.883              | 6.015             | 0.125           |
| 50%                 | 12.00           | 9.00                                    | 9.981            | 8.175              | 9.027             | 0.225           |
| 75%                 | 16.00           | 12.00                                   | 12.898           | 7.483              | 12.034            | 0.283           |
| 100%                | 20.00           | 15.00                                   | 15.964           | 8.033              | 15.030            | 0.250           |
| 75575               |                 |   | Comments         |                    | 10.000            | 0.200           |
|                     |                 |   |                  |                    |                   |                 |
| BAD NEE             | DS TO BE        | REPLAC                                  | ED               |                    |                   |                 |
|                     |                 | , |                  |                    |                   |                 |
|                     |                 |   |                  |                    |                   |                 |
|                     |                 |   |                  |                    |                   |                 |
|                     |                 | Calibratio                              | n Equipm         | ent Used           |                   |                 |
| Calibrator          | Descr           | ription                                 | Mo               | odel No.           | Instrument iD     | NIST Cert. No.  |
| Input Device        | Fluke Calib     | rator                                   | 725              |                    | On File           | On File         |
| Output Device       |                 |   | 725              |                    | On File           | On File         |
| - w.p.w. = 0.1.00   |                 |   | Approvals        |                    |                   | 0111110         |
| Hours               | Date Work Perfo |   | Accepted By      |                    | Date Signed       |                 |
| 1.0                 | 10/12           | /2009                                   |                  |                    |                   |                 |
| PASS 3 Signature    |                 |   | Customer Signat  | ure                |                   |                 |
| JOHN HO             | RTON            |   |                  |                    |                   |                 |



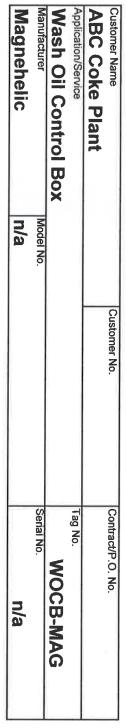
| 3403              | 1010         |                      |
|-------------------|--------------|----------------------|
|                   | 2343         | Dwyer                |
| Serial No.        | Model No.    | Manufacturer         |
| WOCB-IP           |              | Wash Oil Control Box |
| Tag No.           |              | Application/Service  |
|                   |              | ABC Coke Plant       |
| Contract/P.O. No. | Customer No. | Customer Name        |

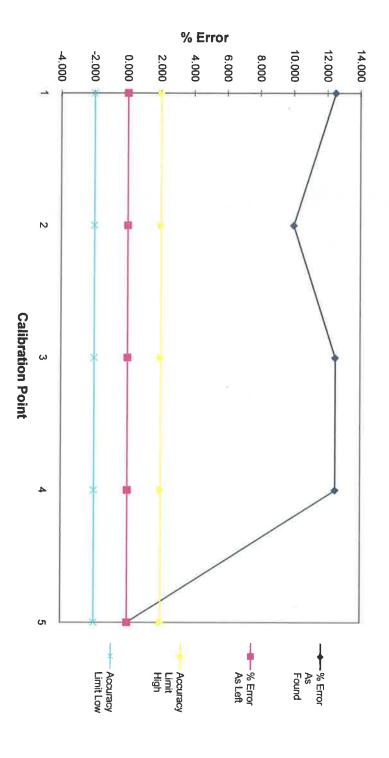




| A D C C a Land   | Diami           |                      |                    |                | Contract/P.O. No.        |                 |
|------------------|-----------------|----------------------|--------------------|----------------|--------------------------|-----------------|
| ABC Coke         |                 |                      |                    |                | Tag No.                  |                 |
| Wash Oil Co      |                 |                      |                    |                | WOCB-MAG                 | 2               |
| Manufactuer      | JIMOI DOX       | Model No.            |                    | <del></del>    | Serial No.               |                 |
| Magnehelic       |                 | n/a                  |                    |                | n/a                      |                 |
| Instrument       |                 |                      | Х                  |                |                          |                 |
| Туре             | Transmitter     | Indicator            | Controller         | Recorder       | Gauge                    | Thermometer     |
| Plus Minus       |                 |                      |                    |                |                          |                 |
| Accuracy         |                 | 2.0                  | 2.0                | ☐ % of Reading | 3                        |                 |
|                  |                 |                      | nal Range          | and Units      |                          |                 |
| Lo Range Value   | Hi Range Value  | Units Characteristic |                    | Special        |                          |                 |
| 10               | 50              | INF                  | 120                | Linear         |                          |                 |
|                  |                 | Output Sig           | nal Range          | e and Units    |                          |                 |
| Lo Range Value   | Hi Range Value  |                      |                    | Characteristic | Special                  |                 |
| 10               | 50              | INF                  | 120                | Linear         |                          |                 |
|                  |                 | nstrument            |                    | n as Found     |                          |                 |
| Calibration      |                 | Evapoted             | Actual             | % Error As     | A street Ordered         |                 |
| Point            | Actual Input    | Expected<br>Output   | Output as<br>Found | Found          | Actual Output<br>as Left | % Error As Left |
| 0%               | 10              | 10                   | 15                 | 12.500         | 10                       | 0.000           |
| 25%              | 20              | 20                   | 24                 | 10.000         | 20                       | 0.000           |
| 50%              | 30              | 30                   | 35                 | 12.500         | 30                       | 0.000           |
| 75%              | 40              | 40                   | 45                 | 12.500         | 40                       | 0.000           |
| 100%             | 50              | 50                   | 50                 | 0.000          | 50                       | 0.000           |
|                  |                 |                      | Comments           |                |                          | 0.000           |
|                  |                 |                      |                    |                |                          |                 |
|                  |                 | BAD NE               | EDS TO R           | REPLACE        |                          |                 |
|                  |                 |                      |                    |                |                          |                 |
|                  |                 |                      |                    |                |                          |                 |
|                  |                 |                      |                    |                |                          |                 |
|                  |                 | Calibratio           | n Equipm           | ent Used       |                          |                 |
| Calibrator       | Dagar           | intin u              | 84-                | alal Nia       | I4                       | NIOT O A N      |
|                  | Descr           |                      |                    | odel No.       | Instrument ID            | NIST Cert. No.  |
| Input Device     | Fluke Calib     |                      | 725                |                | 8218055                  | 1000195484      |
| Output Device    | Local Dispi     |                      |                    |                |                          |                 |
| Hours            | Date Work Perfo |                      | Approvals          | •              | Data Disease             |                 |
| 1.0              | 10/12           | 1                    | Accepted By        |                | Date Signed              |                 |
| PASS 3 Signature | 10/12           |                      | Customer Signat    | ture           |                          |                 |
| JOHN HO          | ORTON           |                      | _                  |                |                          |                 |
|                  |                 |                      |                    |                |                          |                 |



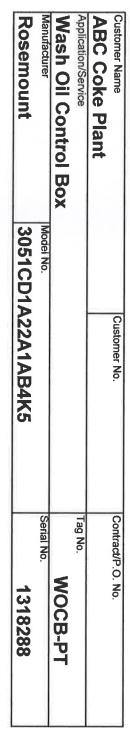


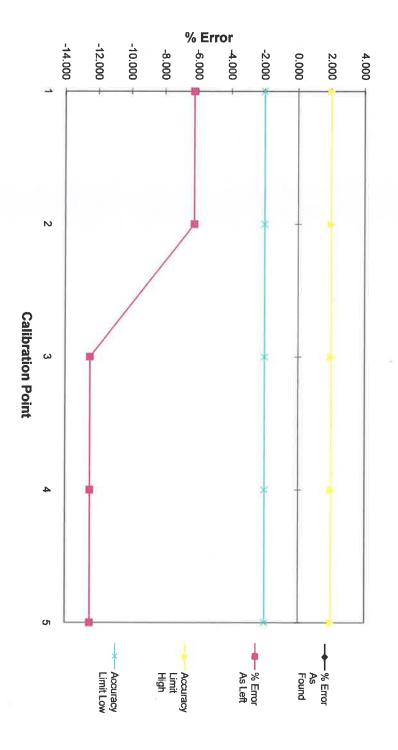




| A DO O I DI I                   |                 |                   |                          |                | Contract/P.O. No.     |                 |  |  |  |  |
|---------------------------------|-----------------|-------------------|--------------------------|----------------|-----------------------|-----------------|--|--|--|--|
| ABC Coke Plant                  |                 |                   |                          |                | Too No                |                 |  |  |  |  |
| Application/Service Wash Oil Co |                 |                   |                          |                | Tag No. WOCB-PT       |                 |  |  |  |  |
| Manufactuer                     | JIIIOI DOX      | Model No.         | n                        |                | Serial No.            |                 |  |  |  |  |
| Rosemount                       |                 | 3051CD1A22A1AB4K5 |                          |                | 1318288               |                 |  |  |  |  |
| Instrument                      | X               |                   |                          |                |                       |                 |  |  |  |  |
| Туре                            | Transmitter     | Indicator         | Controller               | Recorder       | Gauge                 | Thermometer     |  |  |  |  |
|                                 |                 | Plus              | Minus                    | ☑ % of Span    |                       |                 |  |  |  |  |
| Accuracy                        |                 | 2.0               | 2.0 \Bigcup % of Reading |                |                       |                 |  |  |  |  |
|                                 |                 |                   | nal Range and Units      |                |                       |                 |  |  |  |  |
| Lo Range Value                  | Hi Range Value  | Units             | Characteristic Special   |                |                       |                 |  |  |  |  |
| -2                              | 14              |                   | 120                      | Linear         |                       |                 |  |  |  |  |
| Output Signal Range and Units   |                 |                   |                          |                |                       |                 |  |  |  |  |
| Lo Range Value                  | Hi Range Value  |                   |                          | Characteristic | Special               |                 |  |  |  |  |
| 4                               | 20              |                   | DC                       | Linear         |                       |                 |  |  |  |  |
| Instrument Condition as Found   |                 |                   |                          |                |                       |                 |  |  |  |  |
| Calibration                     |                 | Expected          | Actual Output as         | % Error As     | A atural Output       |                 |  |  |  |  |
| Point                           | Actual Input    | Output            | Found                    | Found          | Actual Output as Left | % Error As Left |  |  |  |  |
| 0%                              | -2              | 4.0               | 3.000                    | -6.250         | 3.000                 | -6.250          |  |  |  |  |
| 25%                             | 2               | 8.0               | 7.000                    | -6.250         | 7.000                 | -6.250          |  |  |  |  |
| 50%                             | 6               | 12.0              | 10.000                   | -12.500        | 10.000                | -12.500         |  |  |  |  |
| 75%                             | 10              | 16.0              | 14.000                   | -12.500        | 14.000                | -12.500         |  |  |  |  |
| 100%                            | 14              | 20.0              | 18.000                   | -12.500        | 18.000                | -12.500         |  |  |  |  |
|                                 |                 | (                 | Comments                 | 5              |                       |                 |  |  |  |  |
|                                 |                 |                   |                          |                |                       |                 |  |  |  |  |
| BAD NEE                         | DS TO RE        | EPLACE            |                          |                |                       |                 |  |  |  |  |
|                                 |                 |                   |                          |                |                       |                 |  |  |  |  |
|                                 |                 |                   |                          |                |                       |                 |  |  |  |  |
|                                 |                 |                   |                          |                |                       |                 |  |  |  |  |
| Calibration Equipment Used      |                 |                   |                          |                |                       |                 |  |  |  |  |
| Calibrator                      | Description     |                   | Model No.                |                | Instrument ID         | NIST Cert. No.  |  |  |  |  |
| Input Device                    | HAND PUMP       |                   | DWYER                    |                |                       |                 |  |  |  |  |
| Output Device Fluke Calibrator  |                 |                   | 725                      |                | ON FILE               | ON FILE         |  |  |  |  |
| Approvals                       |                 |                   |                          |                |                       |                 |  |  |  |  |
|                                 | Date Work Perfo |                   | Accepted By Date Signed  |                |                       |                 |  |  |  |  |
| 1.0                             | 10/12           |                   | 0 . 0                    |                |                       |                 |  |  |  |  |
| PASS 3 Signature  JOHN HORTON   |                 |                   | Customer Signat          | ure            |                       |                 |  |  |  |  |
| J OJ LJ T J L C                 | 71(10)1         |                   |                          |                |                       |                 |  |  |  |  |









| ABC Coke Plant   |                |                    |                      |                     | Contract/P.O. No.        |                 |  |  |  |  |
|--|----------------|--------------------|----------------------|---------------------|--------------------------|-----------------|--|--|--|--|
| Application/Service  |                |                    |                      |                     | Tag No.                  | -               |  |  |  |  |
| Wash Oil Co  |                |                    |                      |                     | WOCB-YC                  |                 |  |  |  |  |
| Manufactuer   Model No.  |                |                    |                      |                     | Serial No.               |                 |  |  |  |  |
| Yokogawa   |                | UT-550             |                      |                     | T1C811572-334            |                 |  |  |  |  |
| Instrument   |                |                    | Х                    |                     |                          |                 |  |  |  |  |
| Туре   | Transmitter    | Indicator          | Controller           | Recorder            | Gauge                    | Thermometer     |  |  |  |  |
|  |                | Plus               | Minus                | ☑ % of Span         |                          |                 |  |  |  |  |
| Accuracy   |                | 2.0                | 2.0                  |                     |                          |                 |  |  |  |  |
|  |                |                    | gnal Range and Units |                     |                          |                 |  |  |  |  |
| Lo Range Value   | Hi Range Value | Units              |                      |                     |                          |                 |  |  |  |  |
| 4  | 20             | MA                 | .DC                  | Linear              |                          |                 |  |  |  |  |
| Output Signal Range and Units                                      |                |                    |                      |                     |                          |                 |  |  |  |  |
| Lo Range Value   | Hi Range Value |                    |                      | Characteristic      | Special                  |                 |  |  |  |  |
| -2   | 14             | INF                | 120                  | Linear              |                          |                 |  |  |  |  |
| Instrument Condition as Found                                      |                |                    |                      |                     |                          |                 |  |  |  |  |
| Calibration  |                | Evenosted          | Actual               | 0/ 5 4-             | A = 41 . = 1 O 4 = 4     |                 |  |  |  |  |
| Point  | Actual Input   | Expected<br>Output | Output as<br>Found   | % Error As<br>Found | Actual Output<br>as Left | % Error As Left |  |  |  |  |
| 0%   | 4              | -2.0               | -2.0                 | 0.000               | -2.0                     | 0.000           |  |  |  |  |
| 25%  | 8              | 2.0                | 1.0                  | -6.250              | 1.5                      | -3.125          |  |  |  |  |
| 50%  | 12             | 6.0                | 5.0                  | -6.250              | 5.2                      | -5.000          |  |  |  |  |
| 75%  | 16             | 10.0               | 9.0                  | -6.250              | 9.4                      | -3.750          |  |  |  |  |
| 100%   | 20             | 14.0               | 13.0                 | -6.250              | 13.5                     | -3.125          |  |  |  |  |
| Comments   |                |                    |                      |                     |                          |                 |  |  |  |  |
|  |                |                    |                      |                     |                          |                 |  |  |  |  |
| WILL NO  | T CONTR        | OLL.               |                      |                     |                          |                 |  |  |  |  |
|  |                |                    |                      |                     |                          |                 |  |  |  |  |
|  |                |                    |                      |                     |                          |                 |  |  |  |  |
|  |                |                    |                      |                     |                          |                 |  |  |  |  |
| Calibration Equipment Used   |                |                    |                      |                     |                          |                 |  |  |  |  |
| Calibrator Description   |                | Model No.          |                      | Instrument ID       | NIST Cert. No.           |                 |  |  |  |  |
|  |                |                    | 725                  |                     | 8218055                  | 1000195484      |  |  |  |  |
|  |                |                    | 120                  |                     | 0210033                  | 1000193404      |  |  |  |  |
| Output Device Local Display  |                |                    |                      |                     |                          |                 |  |  |  |  |
| Approvals  Hours   Date Work Performed   Accepted By   Date Signed |                |                    |                      |                     |                          |                 |  |  |  |  |
| 1.0  | 10/12          |                    | Date digited         |                     |                          |                 |  |  |  |  |
| PASS 3 Signature Customer Signature                                |                |                    |                      |                     |                          |                 |  |  |  |  |
| JOHN HO  | ORTON          |                    |                      |                     |                          |                 |  |  |  |  |
|  |                |                    |                      |                     |                          |                 |  |  |  |  |



